

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

## BEST AVAILABLE COPY

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of claims:

1. **(currently amended)** A method for validating credentials comprising:  
determining, at a first system that grants session credentials based on successful authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

retrieving, at the first system, information from a session token held by the client, the information corresponding to a possible session credential for the second system that grants session credentials based on successful authentication at the second system;

the first system presenting at least some of the information from the session token to the second system; and

the first system determining whether the client has a valid session credential granted by the second system; and

determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

2. (previously presented) A method according to claim 1, further comprising granting a session credential to the client by the first system, after determining that the client has a valid session credential granted by the second system.

3. (previously presented) A method according to claim 1, further comprising sending a session token to the client, the token corresponding to a session credential granted by

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

the first system.

4. (previously presented) A method according to claim 1, further comprising directing the client to the second system to establish a session credential based on successful authentication at the second system, after determining that the client does not have a valid session credential granted by the second system.

5. (previously presented) A method according to claim 1, further comprising directing the client to the first system to establish a session credential based on successful authentication at the first system, after determining that the client does not have a valid session credential granted by the second system.

6. (previously presented) A method according to claim 1, further comprising maintaining the client session credential granted by the second system.

7. (previously presented) A method according to claim 1, wherein determining whether the client has a valid credential granted by the second system is at least partially from presenting at least some of the information from the session token.

8. (original) A method according to claim 1, wherein retrieving information from the session token held by the client comprises:

sending a query to the client from the first system, the query including identification as originating from a domain name corresponding to the second system; and receiving a response to the query.

9. (currently amended) A method for validating session credentials of a client comprising:

determining, at a first system that grants session credentials based on successful

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

retrieving, at the first system, information from a session token held by the client, the information corresponding to a session credential for the second system that grants session credentials based on successful authentication at the second system, wherein retrieving information from the session token held by the client comprises receiving a session token from the client corresponding to the second system;

presenting at least some of the information from the session token to the second system;

determining whether the client has a valid session credential granted by the second system, wherein determining whether the client has a valid credential granted by the second system is at least partially from presenting information from the session token;

granting a session credential to the client on the first system, after determining that the client has a valid session credential granted by the second system;

sending a session token to the client, the token corresponding to the session credential granted by the first system; and

maintaining the client session credentials; and

determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

10. (currently amended) Computer executable software code stored on a computer-readable medium and transmitted as an information signal, the code for validating credentials, the code comprising:

PATENT APPLICATION 10/026.403  
ATTORNEY DOCKET: 72167.000570

code to determine, at a first system that grants session credentials based on successful authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

code to retrieve, at the first system, information from a session token held by the client, the information corresponding to a possible session credential for the second system that grants session credentials based on successful authentication at the second system;

code to present at least some of the information from the session token to the second system; and

code to determine whether the client has a valid session credential granted by the second system; and

code to determine at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

11. (currently amended) A computer readable medium having computer executable code stored thereon, the code for validating credentials, the code comprising:

code to determine, at a first system that grants session credentials based on successful authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

code to retrieve, at the first system, information from a session token held by the client, the information corresponding to a possible session credential for the second system that grants session credentials based on successful authentication at the second system;

code to present at least some of the information from the session token to the second system; and

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

code to determine whether the client has a valid session credential granted by the second system; and

~~code to determine at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.~~

12. (currently amended) A programmed computer for validating credentials, comprising:

a memory having at least one region for storing computer executable program code; and

a processor for executing the program code stored in the memory, wherein the program code comprises:

code to determine, at a first system that grants session credentials based on successful authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

code to retrieve, at the first system, information from a session token held by the client, the information corresponding to a possible session credential for the second system that grants session credentials based on successful authentication at the second system;

code to present at least some of the information from the session token to the second system; and

code to determine whether the client has a valid session credential granted by the second system; and

~~code to determine at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.~~

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKRT: 72167.000570

13. (currently amended) A method for establishing session credentials comprising:

determining that a client does not have a valid session credential granted by a first system based on successful authentication at the first system or successful authentication at a second system;

determining that a client does not have a valid session credential granted by the second system based on successful authentication at the second system;

sending, from the first system to the client, a log in page;

receiving, at the first system from the client, log in information;

sending, from the first system to the second system, the log in information; and

receiving, at the first system from the second system, information corresponding to a session credential granted by the second system, the session credential granted by the second system based at least in part on the log in information and successful authentication at the second system; and

determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

14. (previously presented) A method according to claim 13, further comprising granting a session credential for the first system.

15. (previously presented) A method according to claim 13, further comprising granting a session credential for the second system.

16. (previously presented) A method according to claim 13, further comprising associating session credentials for the first system and the second system with the

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

client.

17. **(currently amended)** A method for establishing session credentials comprising:  
determining that a client does not have a valid session credential granted by a first system based on successful authentication at the first system or successful authentication at a second system;

determining that a client does not have a valid session credential granted by the second system based on successful authentication at the second system;

sending, from the second system to the client, a log in page;

receiving, at the second system from the client, log in information; and

sending, from the second system to the first system, information corresponding to a session credential granted by the second system, the session credential granted by the second system based at least in part on the log in information and successful authentication at the second system; and

granting a session credential for the first system; and

determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

18. **(original)** A method according to claim 17, further comprising granting a session credential for the second system.

19. **(original)** A method according to claim 17, further comprising associating session credentials for the first system and the second system with the client.

20. **(currently amended)** A method for validating credentials comprising:

PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

determining, at a first system that grants session credentials based on successful authentication at the first system or successful authentication at a second system, that a client does not have a valid session credential granted by the first system;

redirecting the client to the second system that grants session credentials based on successful authentication at the second system;

sending, from the second system to the first system, session credentials granted by the second system;

sending, from the first system to the second system, the session credentials granted by the second system;

determining, at the second system, that the session credentials granted by the second system, and received from the first system, are valid; and

sending, from the second system to the first system, information indicating that the session credentials granted by the second system are valid; and

determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system.

21. (original) A method according to claim 20, further comprising granting the client session credentials for the first system.

22. (new) A method according to claim 1, wherein determining at the second system whether the client has a valid session credential granted by the first system, so as to authenticate at the second system includes:

determining, at a second system, which grants session credentials based on successful authentication at the second system or successful authentication at a first system, that



PATENT APPLICATION 10/026,403  
ATTORNEY DOCKET: 72167.000570

a client does not have a valid session credential granted by the second system;

retrieving, at the second system, information from a session token held by the client, the information corresponding to a possible session credential for the first system that grants session credentials based on successful authentication at the first system;

the second system presenting at least some of the information from the session token to the first system; and

the second system determining whether the client has a valid session credential granted by the first system.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**